



*Fig.2*

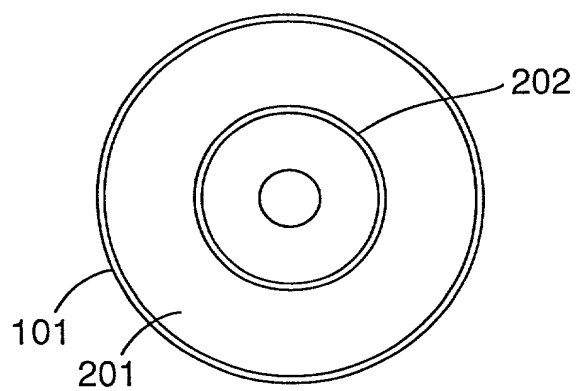
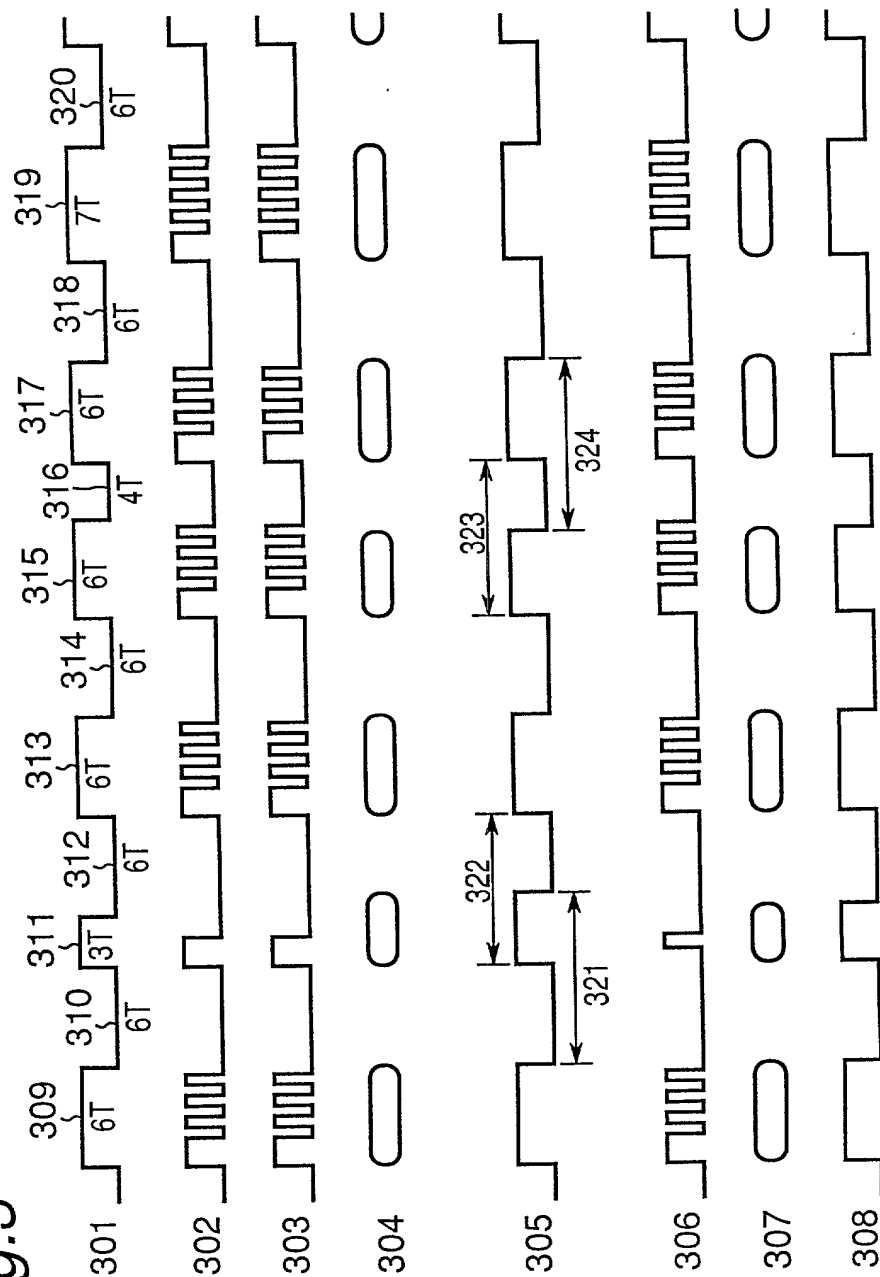
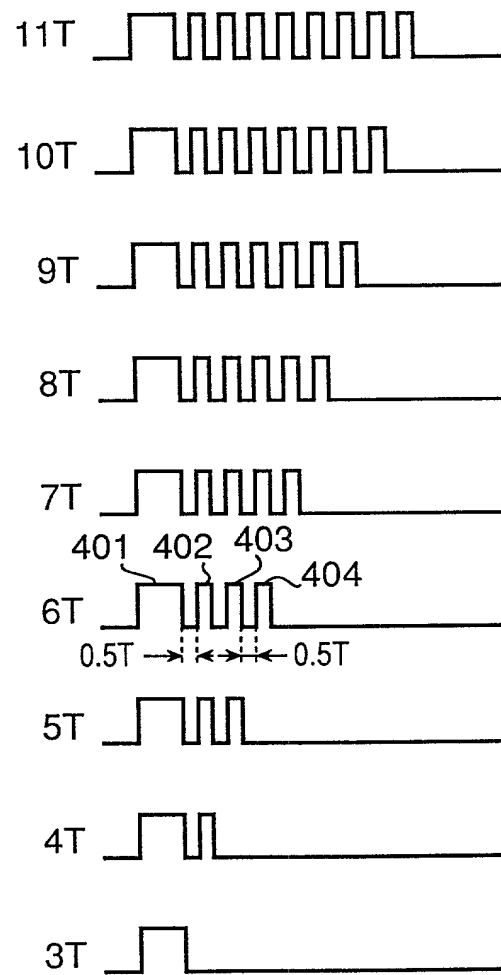


Fig. 3



*Fig.4*



FIRST PULSE MOVEMENT (TF)	MARK SIGNAL			LAST PULSE MOVEMENT (TL)	MARK SIGNAL		
	$\geq 5T$	4T	3T		$\geq 5T$	4T	3T
PRECEDING SPACE SIGNAL	$\geq 5T$	5S4M	5S3M	$\geq 5T$	5M5S	4M5S	3M5S
	4T	4S4M	4S3M	4T	5M4S	4M4S	3M4S
	3T	3S4M	3S3M	3T	5M3S	4M3S	3M3S

Fig.5A

FIRST PULSE MOVEMENT (TF)	MARK SIGNAL			LAST PULSE MOVEMENT (TL)	MARK SIGNAL		
	$\geq 5T$	4T	3T		$\geq 5T$	4T	3T
PRECEDING SPACE SIGNAL	$\geq 5T$	5S5M0	5S4M0	$\geq 5T$	5M5S0	4M5S0	3M5S0
	4T	4S5M0	4S4M0	4T	5M4S0	4M4S0	3M4S0
	3T	3S5M0	3S4M0	3T	5M3S0	4M3S0	3M3S0

Fig.5B

Fig.6

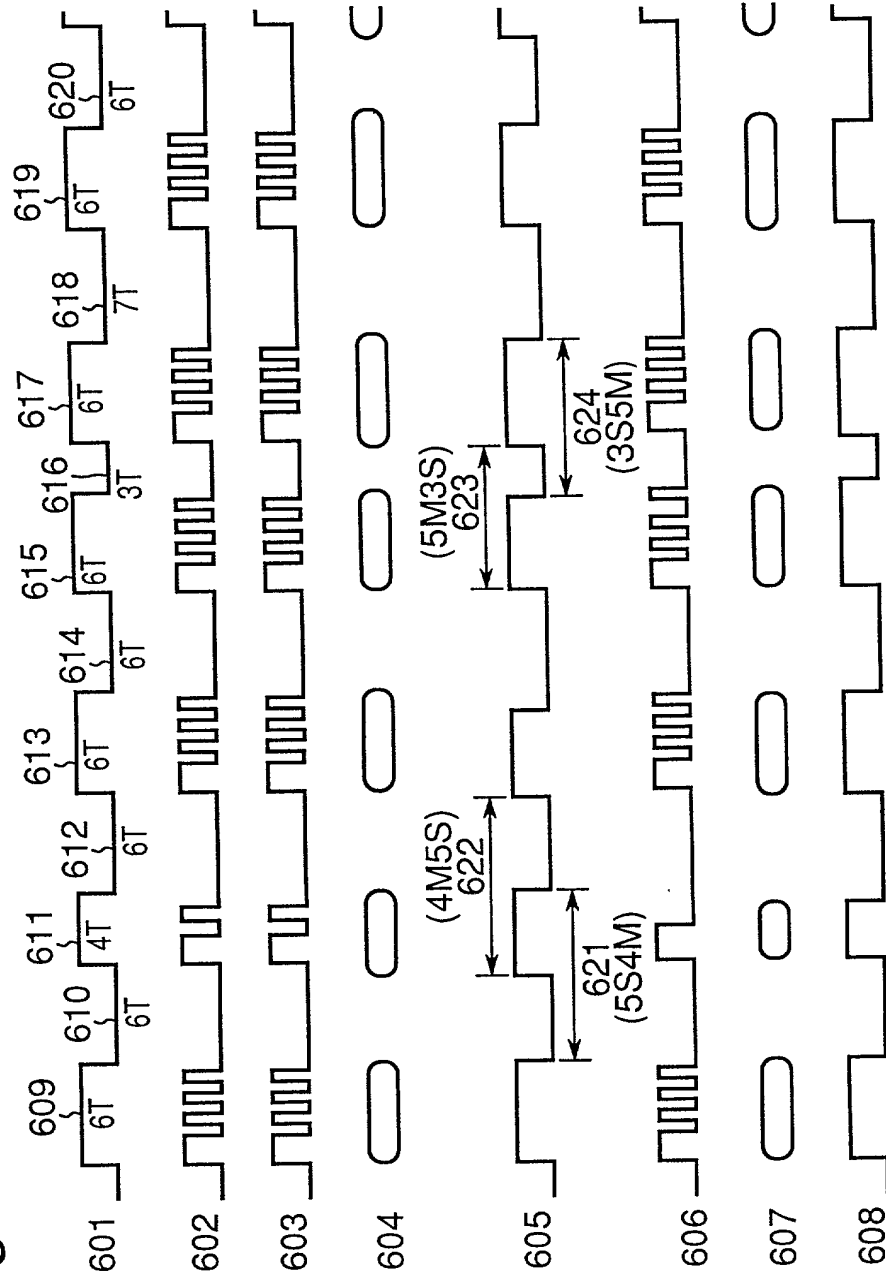


Fig. 7

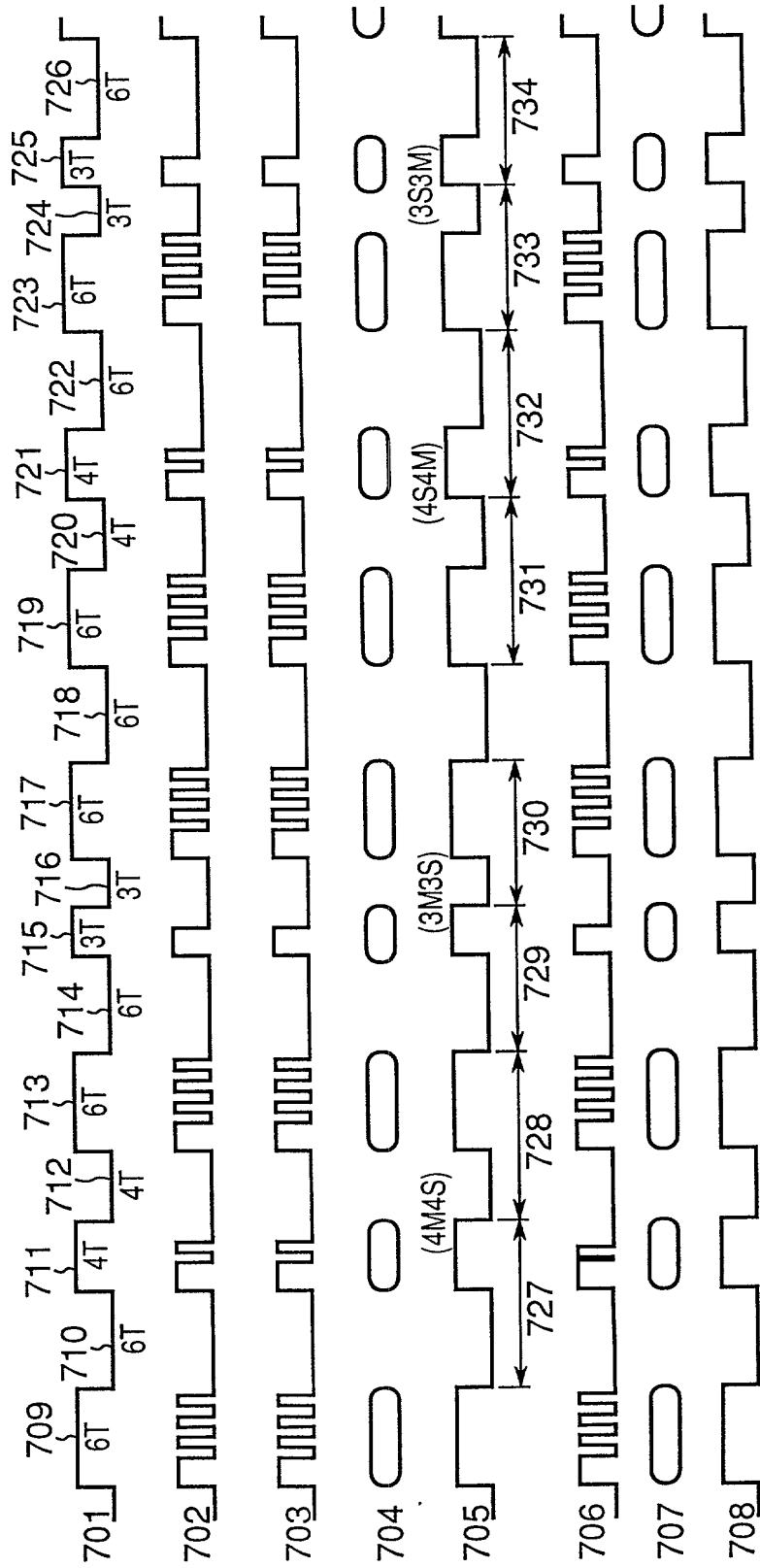


Fig. 8

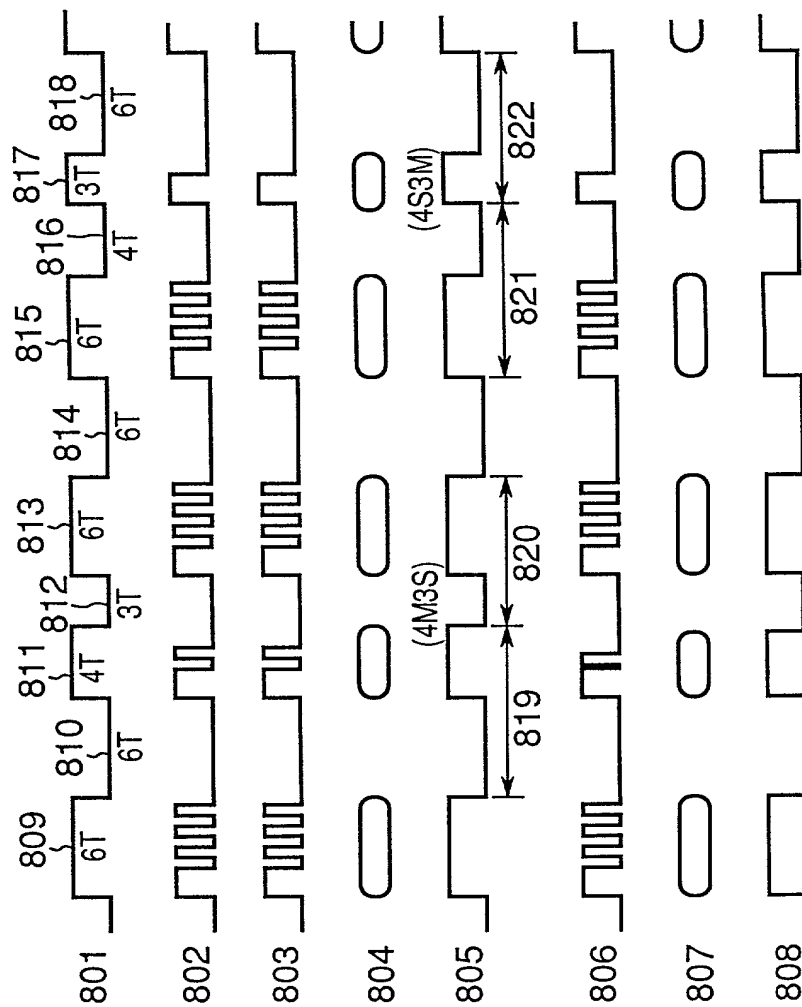
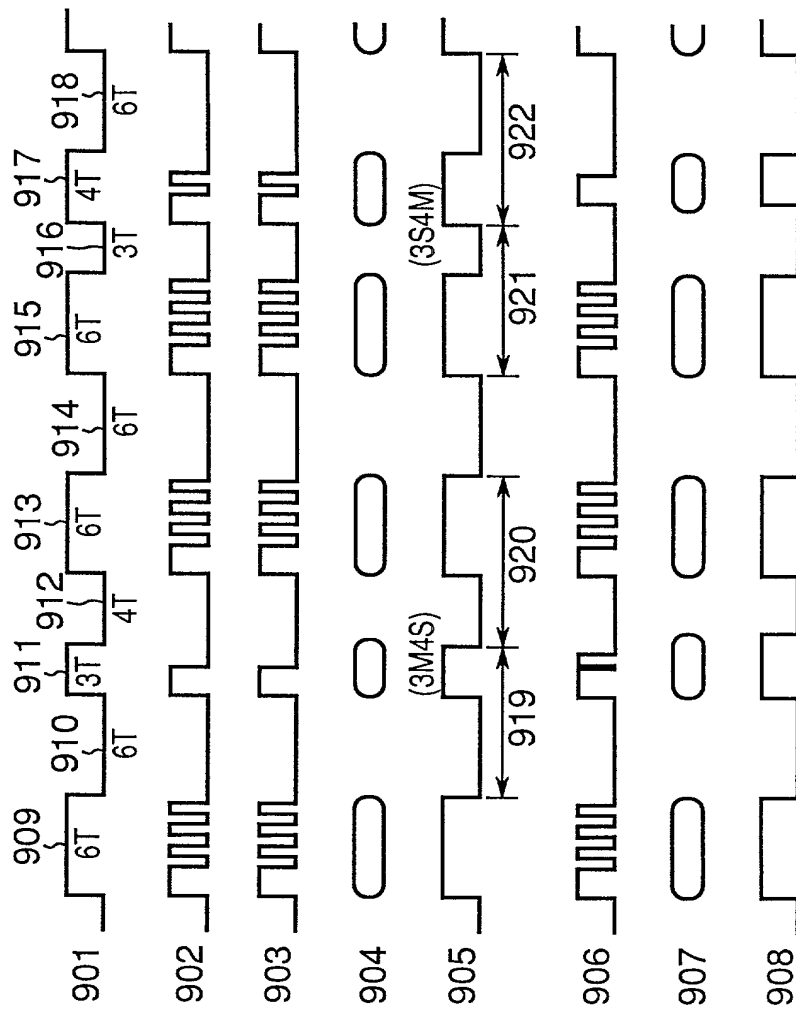
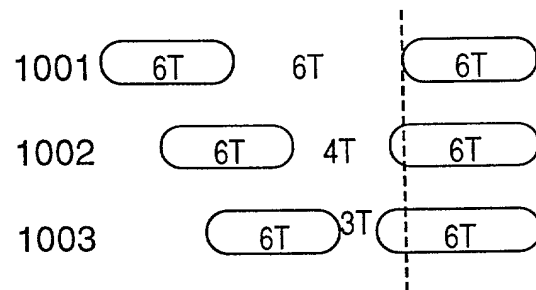




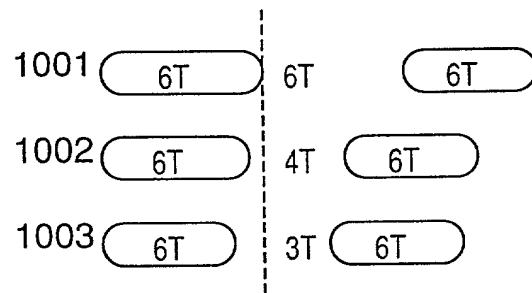
Fig. 9



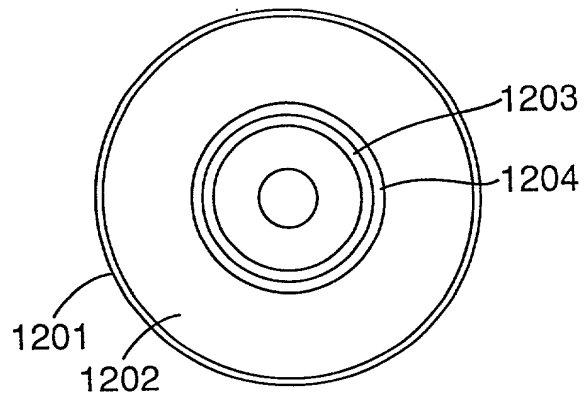
*Fig.10*



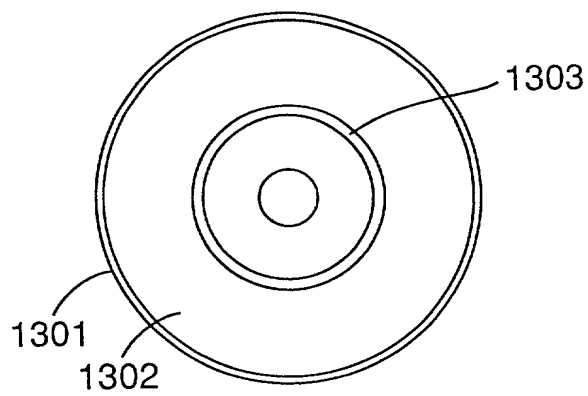
*Fig.11*



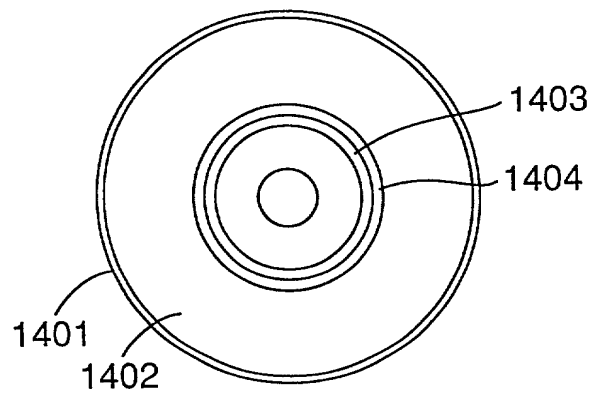
*Fig.12*



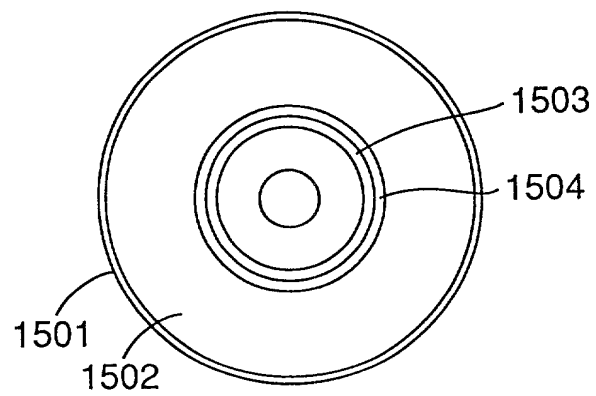
*Fig.13*



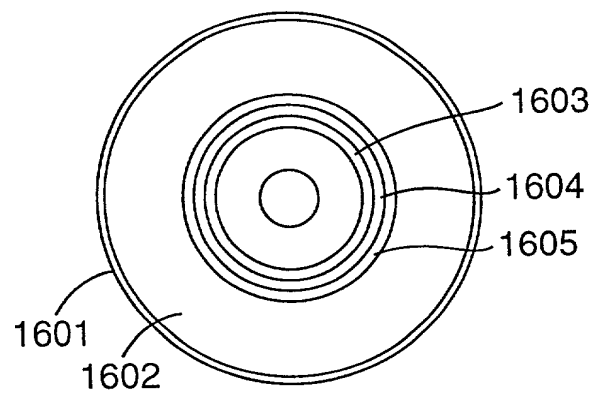
*Fig.14*



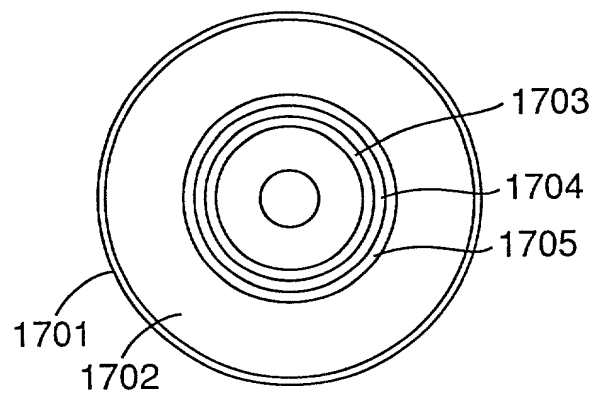
*Fig.15*



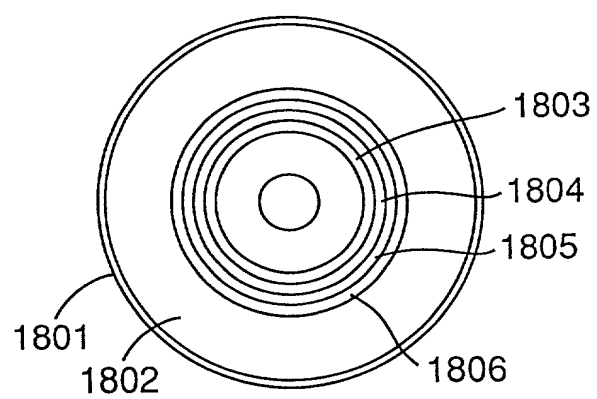
*Fig. 16*



*Fig. 17*



*Fig. 18*



*Fig. 19*

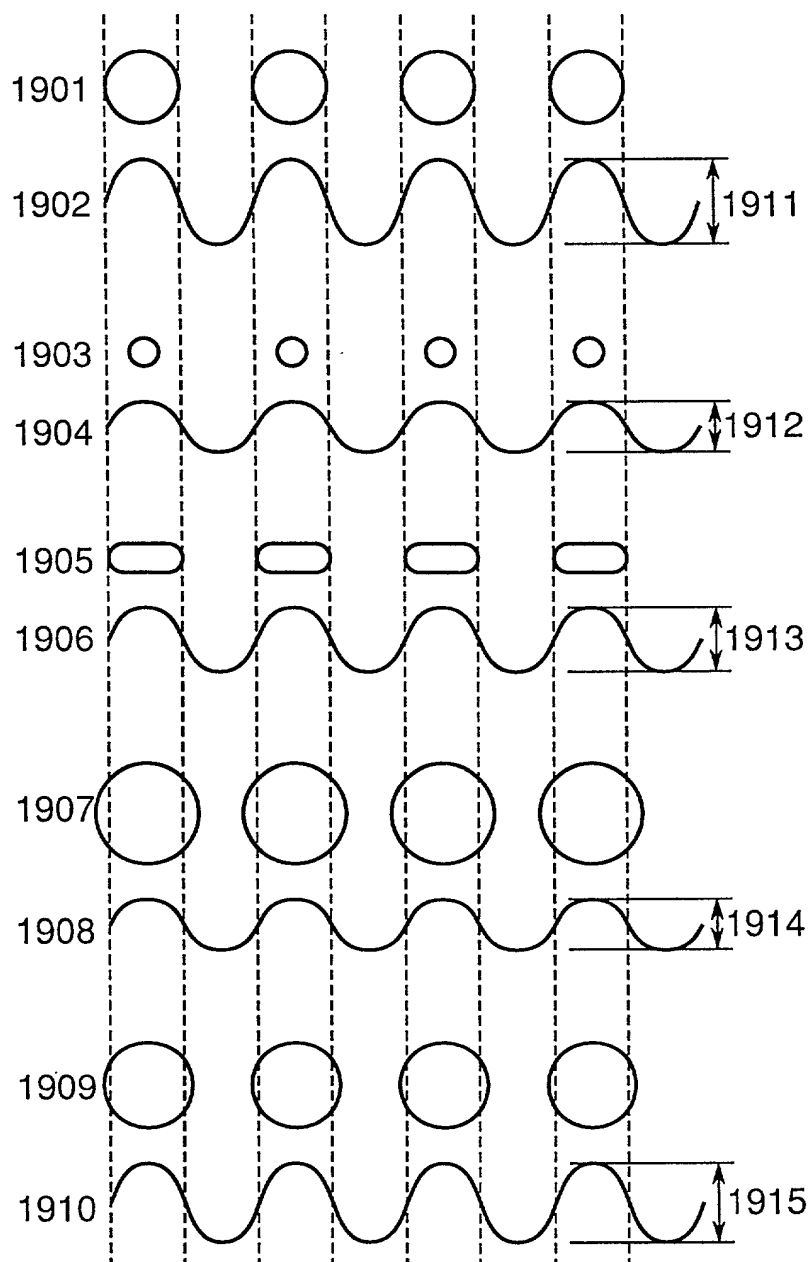


Fig.20A

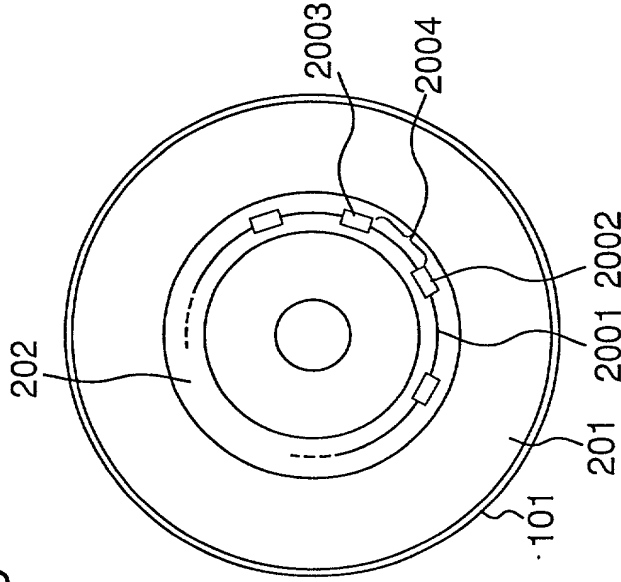


Fig.20B

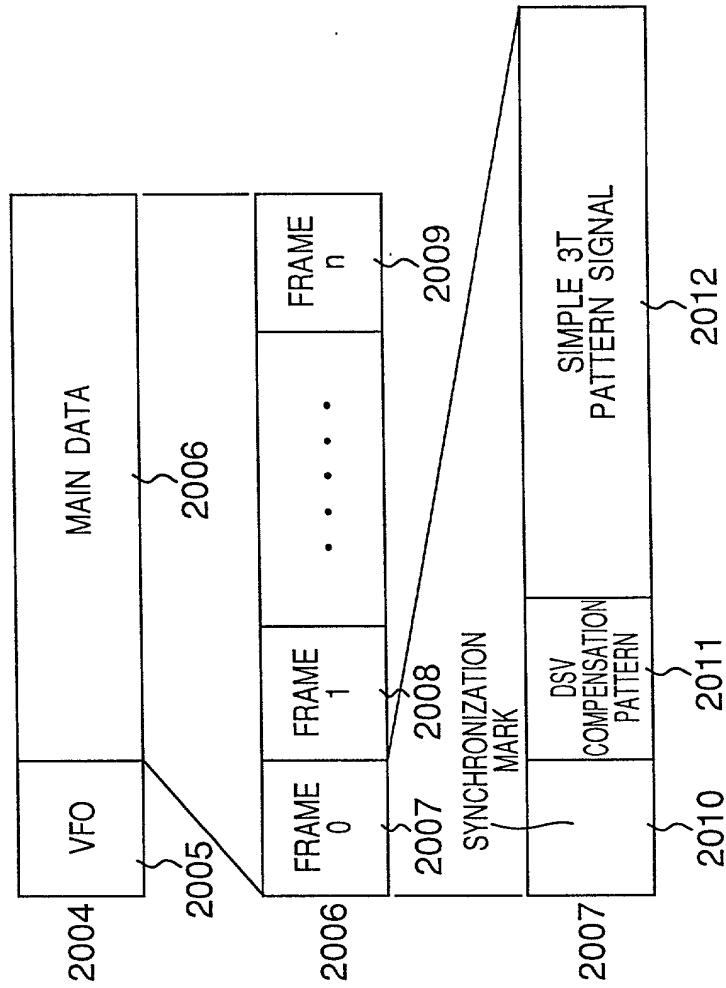


Fig.20C

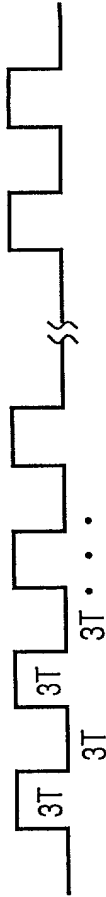




Fig.21

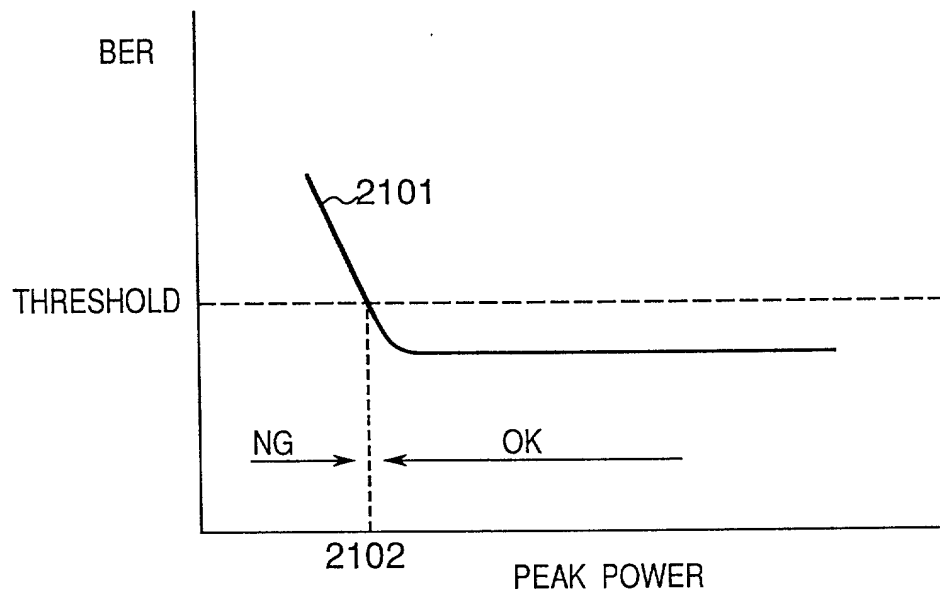


Fig.22

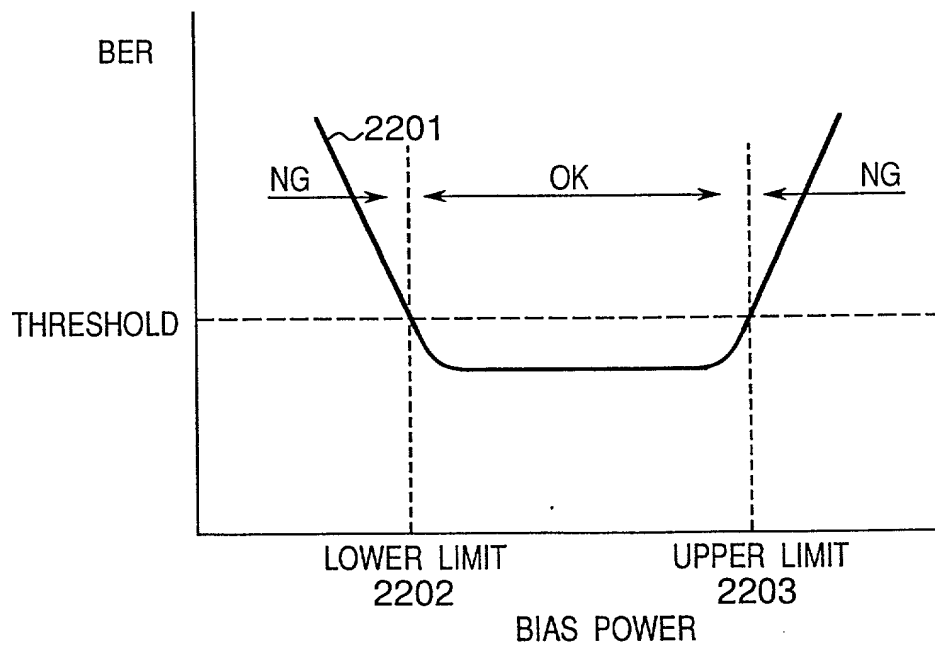


Fig.23

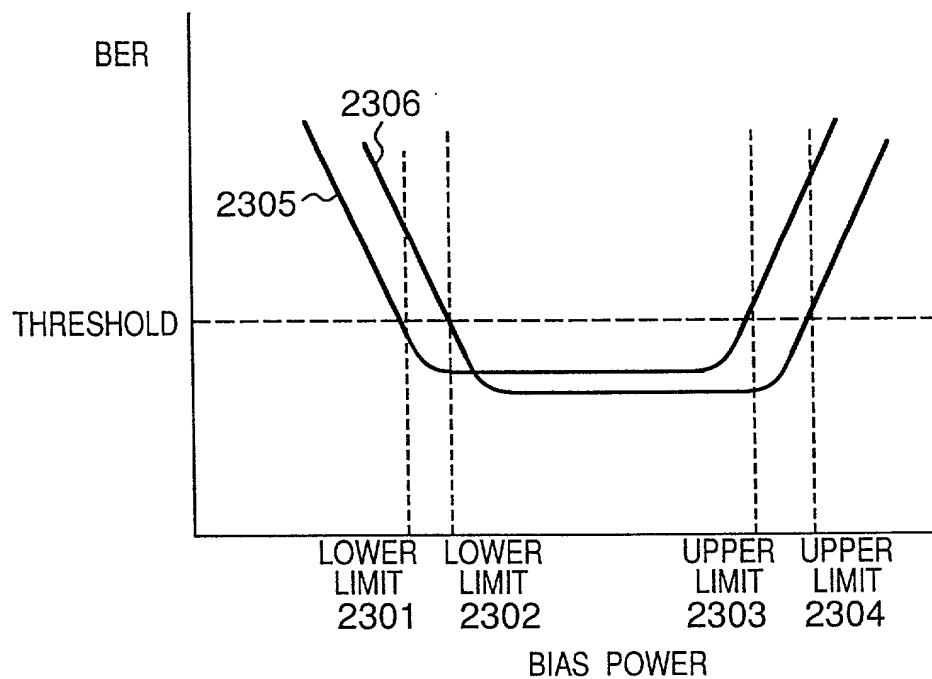


Fig.24

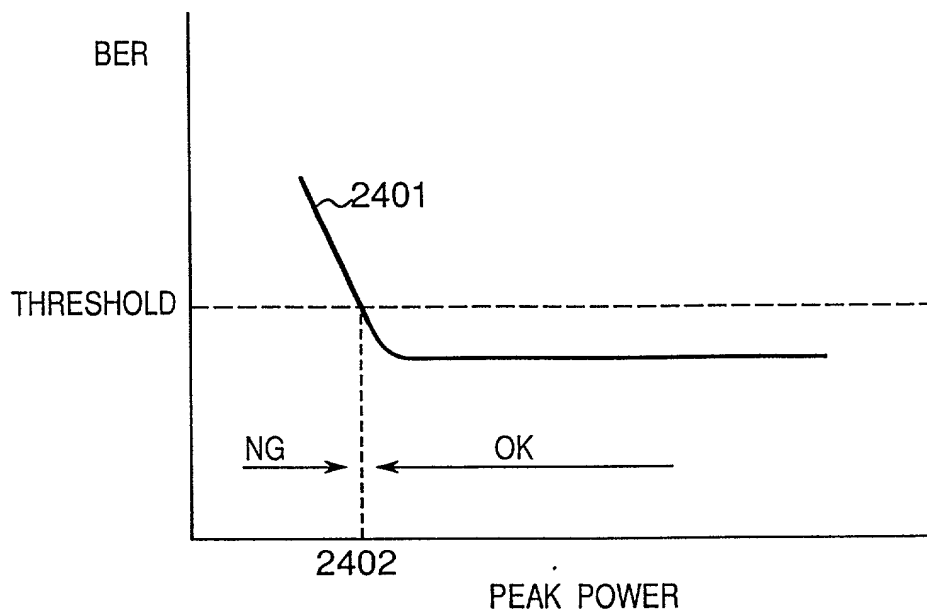


Fig.25

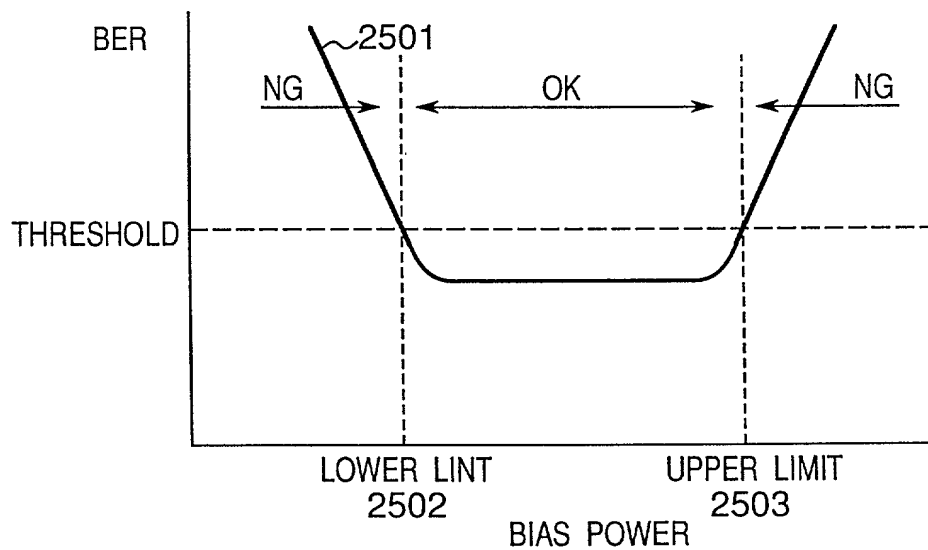


Fig.26

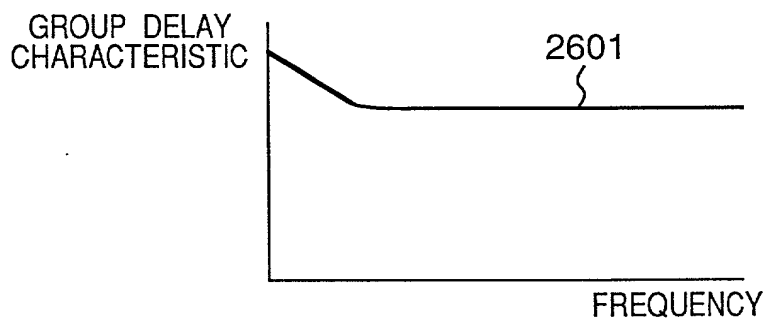


Fig.27

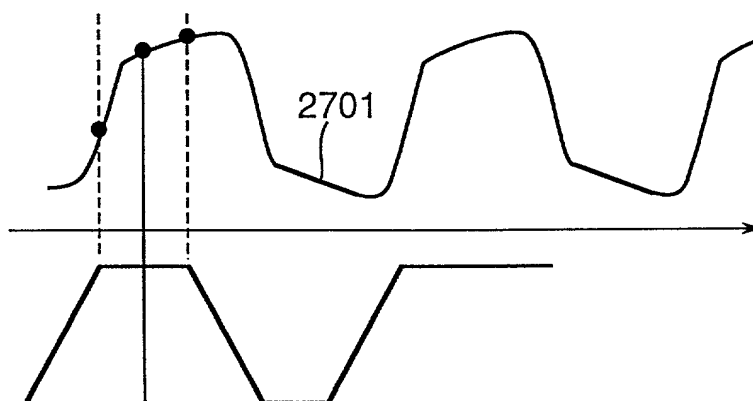


Fig.28A

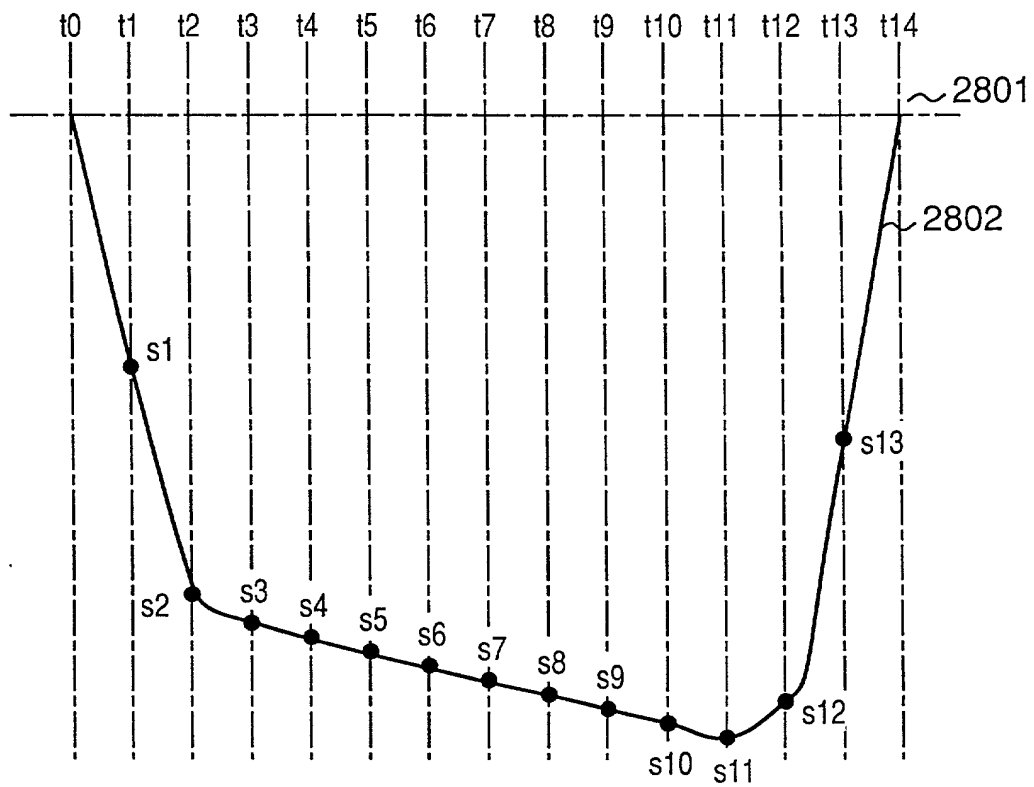


Fig.28B

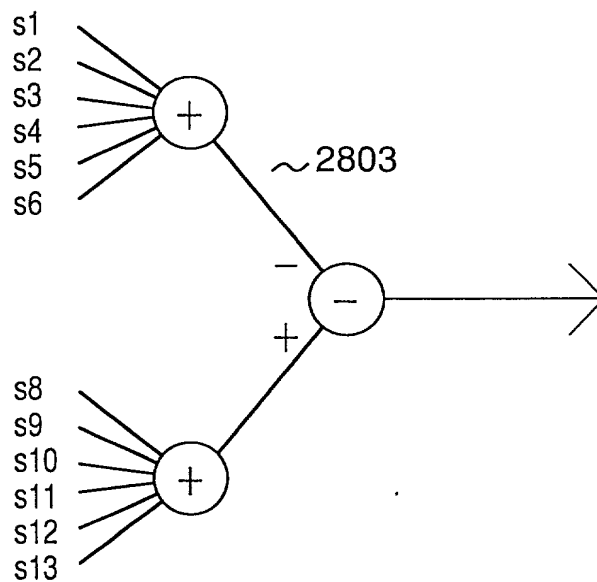
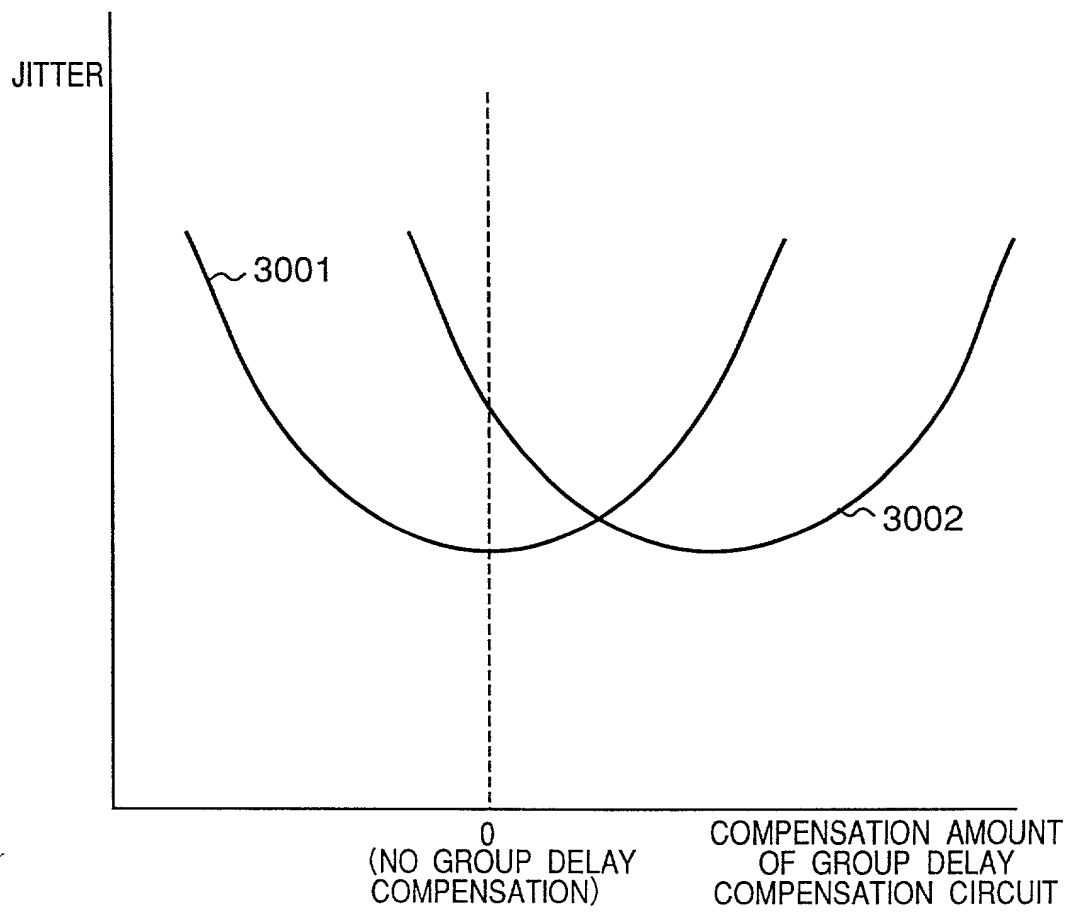
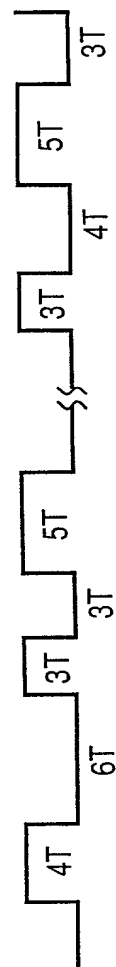
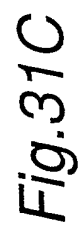
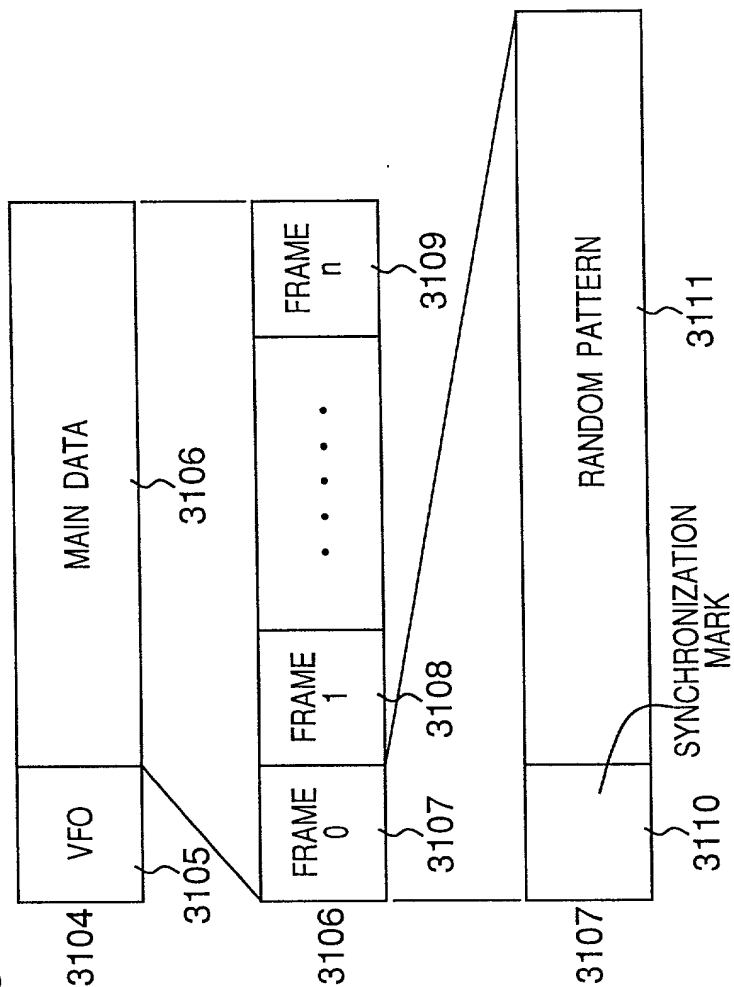
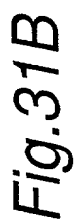
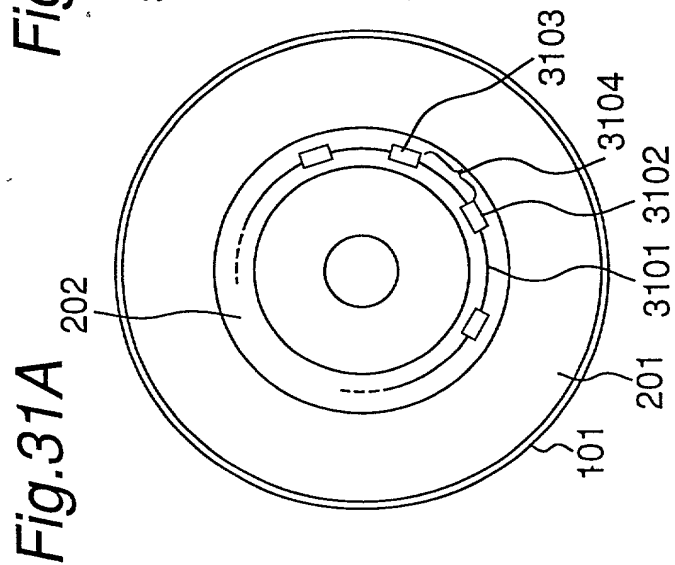




Fig.30





*Fig.32*

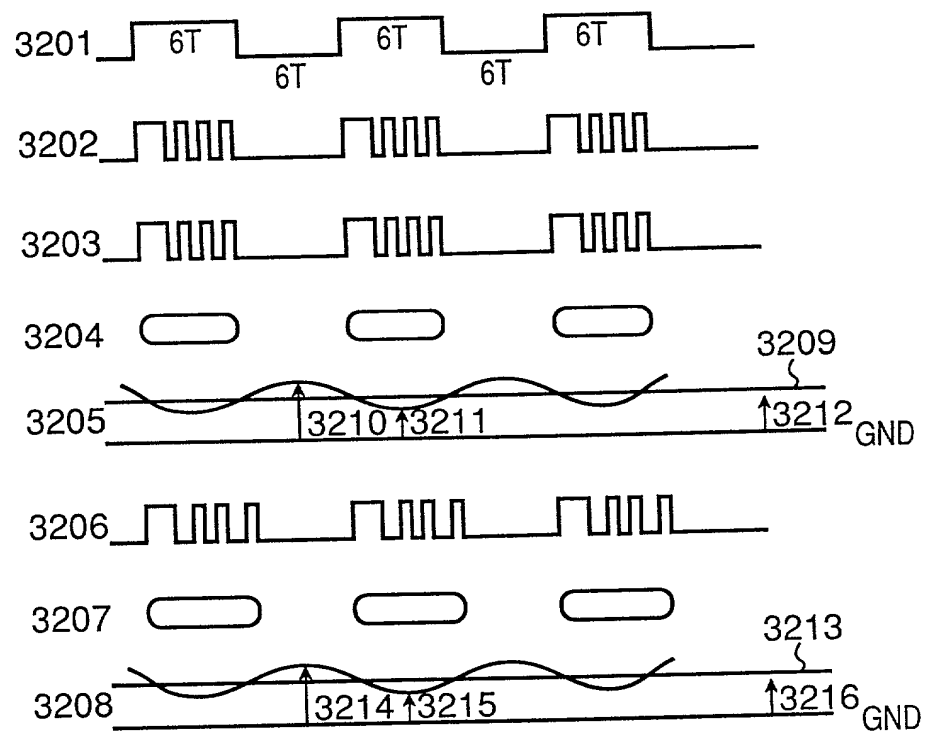




Fig.33

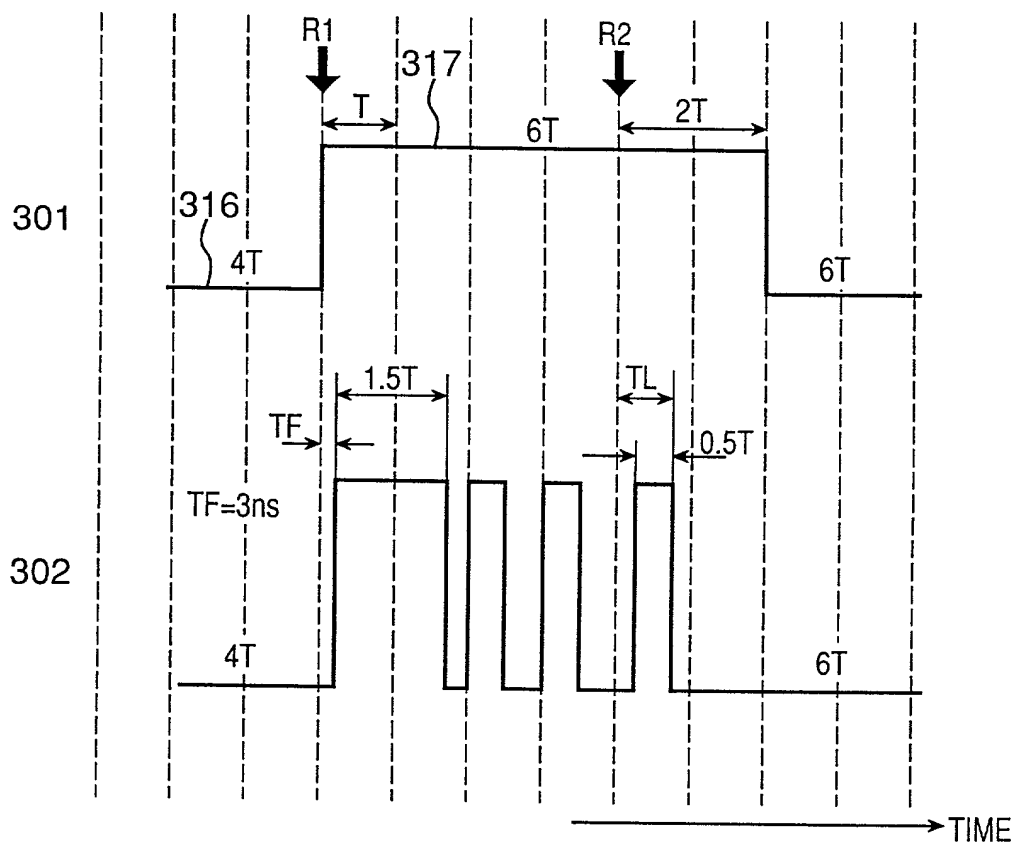


Fig. 34

INSIDE CIRCUMFERENCE SIDE		
PIT AREA	INITIALIZATION ZONE	
	CONTROL DATA ZONE	DISC TYPE READ P PULSE ADJUSTMENT METHOD TEMPORARY P INFO (GEN) (PEAK P, BIAS P, MARGIN CONSTANT, ASYMMETRY) OPERATIONAL P INFO (GEN) (PEAK P, BIAS P, MARGIN CONSTANT) ASYMMETRY (GEN) PULSE POSITION INFO (GEN) DISC SPECIFIC INFO
	REPEAT THE ABOVE FOR FAIL SAFE	
MIRROR AREA	CONNECTION ZONE	
RECORDING AREA	GUARD TRACK ZONE 1	
	DISC TEST ZONE 1	
	DRIVE TEST ZONE1	
	RECORDER-SPECIFIC INFO RECORDING ZONE 1	RECORDER-SPECIFIC INFO 1 TEMPORARY P INFO (UNIQUE) (PEAK P, BIAS P, MARGIN CONSTANT, ASYMMETRY) OPERATIONAL P INFO (UNIQUE) (PEAK P, BIAS P, MARGIN CONSTANT) PULSE POSITION INFO (UNIQUE) (ASYMMETRY) P MARGIN INFO
		RECORDER-SPECIFIC INFO 2 TEMPORARY P INFO (UNIQUE) (PEAK P, BIAS P, MARGIN CONSTANT, ASYMMETRY) OPERATIONAL P INFO (UNIQUE) (PEAK P, BIAS P, MARGIN CONSTANT) PULSE POSITION INFO (UNIQUE) (ASYMMETRY) P MARGIN INFO
		. . .
		RECORDER-SPECIFIC INFO n TEMPORARY P INFO (UNIQUE) (PEAK P, BIAS P, MARGIN CONSTANT, ASYMMETRY) OPERATIONAL P INFO (UNIQUE) (PEAK P, BIAS P, MARGIN CONSTANT) PULSE POSITION INFO (UNIQUE) (ASYMMETRY) P MARGIN INFO
	REPEAT THE ABOVE FOR FAIL SAFE	
	DISC ERROR MANAGEMENT AREA 1	
	DATA AREA	

Fig. 35

DATA AREA	
DISC ERROR MANAGEMENT AREA 2	
RECORDER-SPECIFIC INFO RECORDING ZONE 2	RECORDER-SPECIFIC INFO 1
	TEMPORARY P INFO (UNIQUE)
	(PEAK P, BIAS P, MARGIN CONSTANT, ASYMMETRY)
	OPERATIONAL P INFO (UNIQUE)
	(PEAK P, BIAS P, MARGIN CONSTANT)
	PULSE POSITION INFO (UNIQUE)
	(ASYMMETRY)
	P MARGIN INFO
	RECORDER-SPECIFIC INFO 2
	TEMPORARY P INFO (UNIQUE)
	(PEAK P, BIAS P, MARGIN CONSTANT, ASYMMETRY)
	OPERATIONAL P INFO (UNIQUE)
	(PEAK P, BIAS P, MARGIN CONSTANT)
	PULSE POSITION INFO (UNIQUE)
	(ASYMMETRY)
	P MARGIN INFO
	.
	.
	.
	RECORDER-SPECIFIC INFO 3
	TEMPORARY P INFO (UNIQUE)
	(PEAK P, BIAS P, MARGIN CONSTANT, ASYMMETRY)
	OPERATIONAL P INFO (UNIQUE)
	(PEAK P, BIAS P, MARGIN CONSTANT)
	PULSE POSITION INFO (UNIQUE)
	(ASYMMETRY)
	P MARGIN INFO
REPEAT THE ABOVE FOR FAIL SAFE	
DRIVE TEST ZONE 2	
DISC TEST ZONE 2	
GUARD TRACK ZONE 2	
OUTSIDE CIRCUMFERENCE SIDE	

Fig.36

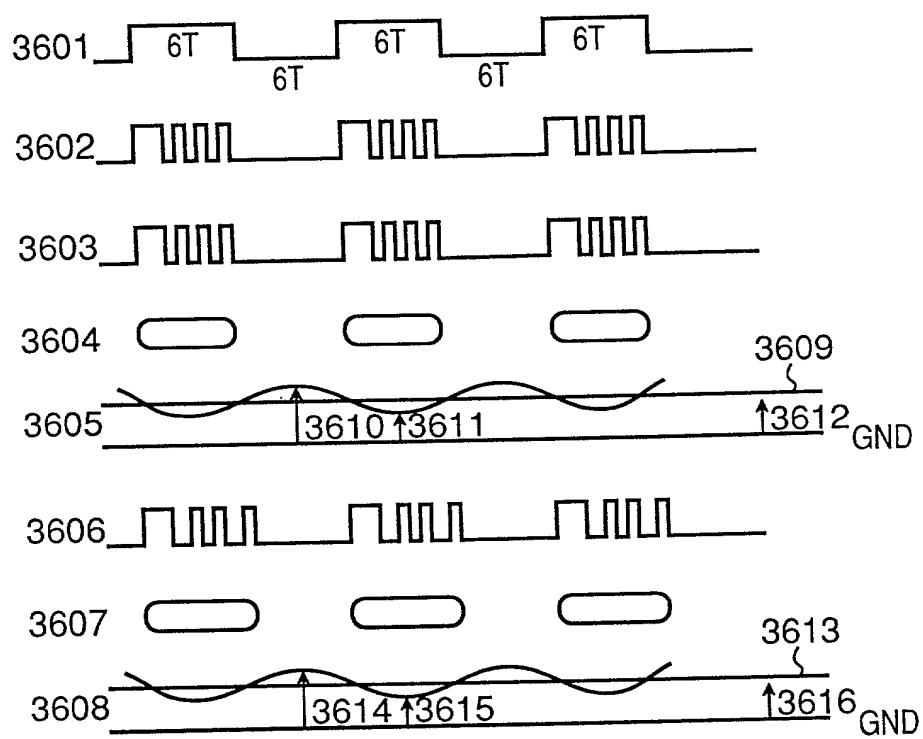


Fig. 37

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<p>DISC-SPECIFIC INFO 1</p> <p>TEMPORARY P INFO</p> <p>(PEAK P, BIAS P, MARGIN CONSTANT, ASYMMETRY)</p> <p>OPERATIONAL P INFO</p> <p>(PEAK P, BIAS P, MARGIN CONSTANT)</p> <p>ASYMMETRY</p> <p>PULSE POSITION INFO</p>
<p>DISC-SPECIFIC INFO 2</p> <p>TEMPORARY P INFO</p> <p>(PEAK P, BIAS P, MARGIN CONSTANT, ASYMMETRY)</p> <p>OPERATIONAL P INFO</p> <p>(PEAK P, BIAS P, MARGIN CONSTANT)</p> <p>ASYMMETRY</p> <p>PULSE POSITION INFO</p>
<p>.</p> <p>.</p> <p>.</p>
<p>DISC-SPECIFIC INFO n</p> <p>TEMPORARY P INFO</p> <p>(PEAK P, BIAS P, MARGIN CONSTANT, ASYMMETRY)</p> <p>OPERATIONAL P INFO</p> <p>(PEAK P, BIAS P, MARGIN CONSTANT)</p> <p>ASYMMETRY</p> <p>PULSE POSITION INFO</p> <p>POWER MARGIN INFO</p>

REPEAT THE ABOVE FOR FAIL SAFE

